

## Analysis Report

**Client Contact:** Premier Packaging Ltd  
PO Box 132127,  
Sylvia Park,  
Mt Wellington  
Auckland 1060,  
New Zealand

**Preservative:** Cyproconazole Triadimefon Bifenthrin  
(CTB)  
**Species:** Radiata Pine  
**Sample Type:** X-section  
**Hazard Class:** H 1.2

**Report Number:** R66389 (1)  
**Date Registered:** Mar 15, 2023  
**Date Analyzed:** Mar 15, 2023  
**Date Reported:** Mar 17, 2023  
**Submitted By:** Emad Youssef

CTB-Glueline				
		Cyproconazole	Triadimefon	Bifenthrin
Sample Name	Lab No.	g/100g Dry Weight	g/100g Dry Weight	g/100g Dry Weight
1	T66389-1	0.0164	0.061	< 0.001
2	T66389-2	0.0051	0.020	< 0.001
3	T66389-3	0.0128	0.049	< 0.001
4	T66389-4	0.0183	0.061	< 0.001
5	T66389-5	0.0103	0.031	< 0.001
6	T66389-6	0.0148	0.048	< 0.001
7	T66389-7	0.0131	0.050	< 0.001
8	T66389-8	0.0118	0.044	< 0.001
9	T66389-9	0.0290	0.097	< 0.001
10	T66389-10	0.0195	0.036	< 0.001

CT-Surface			
		Cyproconazole	Triadimefon
Sample Name	Lab No.	g/100g Dry Weight	g/100g Dry Weight
1	T66389-1	0.2296	0.892
2	T66389-2	0.0518	0.196
3	T66389-3	0.1658	0.659
4	T66389-4	0.2039	0.800
5	T66389-5	0.2114	0.834
6	T66389-6	0.2017	0.806
7	T66389-7	0.1314	0.521
8	T66389-8	0.1908	0.746
9	T66389-9	0.2812	1.106
10	T66389-10	0.2933	1.087

## Summary of Methods

The following tables give a brief description of the method used to conduct the analysis for this job. The detection limits are attainable in a relatively clean matrix. Detection limits may be higher for individual samples should insufficient sample be available, or if the matrix requires dilution before analysis.

Test: <i>Cyproconazole &amp; Triadimefon in Timber (Surface Retention)</i>	Method Description	Reporting Limit	Sample Number
CTB Glueline Analysis	Methanol/Formic acid sonication extraction, dilution, analysis by LCMS-MS. Performed at IVS Labs Ltd.	N/A	
Cyproconazole	Glueline extraction, analysis by LCMSMS, result divided by 1.05, correction for dry matter as per in-house method. Performed at IVS Labs Ltd. AS/NZS1604.3: 2021 (modified)	0.002 g/100g Dry Weight	1-10
Triadimefon	Glueline extraction, analysis by LCMSMS, result divided by 1.41 correction for dry matter as per in-house method. Performed at IVS Labs Ltd. AS/NZS1604.3: 2021 (modified)	0.01 g/100g Dry Weight	1-10
Bifenthrin	Glueline extraction, analysis by LCMSMS, result divided by 1.24, correction for dry matter as per in-house method. Performed at IVS Labs Ltd. AS/NZS1604.3: 2021 (modified)	0.001 g/100g Dry Weight	1-10
CT Surface	Methanol sonication extraction, dilution, analysis by LCMS-MS. Performed at IVS Labs Ltd.	N/A	
Cyproconazole	Surface extraction, analysis by LCMSMS, correction for dry matter as per in-house method. Performed at IVS Labs Ltd. AS/NZS1604.3: 2021 (modified)	0.002 g/100g Dry Weight	1-10
Triadimefon	Surface extraction, analysis by LCMSMS, correction for dry matter as per in-house method. Performed at IVS Labs Ltd. AS/NZS1604.3: 2021 (modified)	0.01 g/100g Dry Weight	1-10

These samples were collected by yourselves (or your agent) and received by IVS Labs Ltd. Samples were prepared for analysis and tested at IVS Labs Ltd or a subcontracted laboratory.

Samples are held by IVS Labs Ltd after reporting for a length of time depending on the preservation and stability of the analytes being tested. Once the storage period is complete, the samples are discarded unless otherwise advised by the Client.

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Johannes Andersen  
Laboratory Technician - IVS Labs Ltd



The Laboratory is accredited by International Accreditation New Zealand (IANZ). The tests reported here have been performed in accordance to the terms of the accreditation, with the exception of tests marked \*, which are not accredited.